

Scintillation detectors
Semiconductor radiation detectors
Track detectors
Vertex detectors
X-ray detectors
See also related:
Counters
Dosimetry
Elementary particles
Nuclear spectrometers
Radiation
Radiation chemistry
Radioactivity
Radiation embrittlement
Valid heading during volumes 126-130 (1997-June 1999) only
See *Embrittlement*, radiation-induced
Radiation exposure
Valid heading during volumes 126-130 (1997-June 1999) only
See *Radiation*, exposure
Radiation hardening
See *Radiation hardness (apparatus)*
Radiation hardening (devices)
See *Radiation hardness (apparatus)*
Radiation hardness (apparatus)
Ability of apparatus to withstand exposure to radiation is indexed here. Radiation-induced hardening of coatings or plastics is indexed at *Crosslinking*, and of rubbers at *Vulcanization*. Mechanical hardness is indexed at *Hardness (mechanical)*
See also related:
Electric failure
Electronics
Hardening (mechanical)
Hardness (mechanical)
Radiation
Semiconductor device fabrication
Radiation heat transfer
See *Radiative heat transfer*
Radiation induced crystal defects
See also related: *Radiation damage*
Radiation induced oxidation
Valid heading during volumes 129-130 (July 1998-June 1999) only
See *Oxidation*, radiation-induced
Radiationless transitions
See *Nonradiative transition*
Radiation murine leukemia virus
Radiation poisoning
See *Radiation sickness*
Radiation-protective agents
See *Radioprotectants*
Radiation quenching
See *Luminescence quenching*
Radiation-sensitizing agents
See *Radiosensitizers, biological*
Radiation shielding
See also related: *Radiation*
Radiation sickness
For radiation sickness of specific anatomical parts, see the specific anatomical part heading
See also related:
Health physics
Poisoning, biological
Radiation
Radioactive substances
Radiation sources
See also narrower:
Electron sources
Ion sources
Light sources
Masers
Microwave sources
Neutron generators
Synchrotron radiation sources
See also related:
Radiation
Radionuclides
Radiation sterilization (cleaning)
Valid heading during volumes 129-130 (July 1998-June 1999) only
See *Sterilization and Disinfection*, radiation-induced
Radiation syndrome
See *Radiation sickness*
Radiative energy transfer
See also narrower: *Radiative heat transfer*
See also related:
Luminescence
Nonradiative energy transfer
Photoinduced energy transfer
Radiation
Radiative transition
Radiative heat transfer
Radiative recombination
See also related:
Electron-ion recombination
Ion-ion recombination
Luminescence
Radiative transition
Radiative transition
See also narrower: *Luminescence*
See also related:
Adiabatic potential
Electronic transition
Photoexcitation
Photon emission
Radiative energy transfer
Radiative recombination
Singlet-triplet transition
Spectra
Radiators
See also related:
Cooling apparatus
Fans
Radiatoside
See β -D-Glucopyranoside, (1aS,1bS,2S,5aR,6S,6aS)-6-[[[(1S,4aS,7S,7aR)-1-(β -D-glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-7-hydroxy-7-methylcyclopenta[c]pyran-4-yl]-carbonyloxy]-1a,1b,2,5a,6,6a-hexahydro-1a-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-c]-pyran-2-yl [104363-10-2]

Radiatoside B
See β -D-Glucopyranoside, 6-[[[(1-(β -D-glucopyranosyloxy)-1,3,4,4a,5,7a-hexahydro-7-(hydroxymethyl)cyclopenta[c]pyran-4-yl)-carbonyloxy]-1a,1b,2,5a,6,6a-hexahydro-1a-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-c]-pyran-2-yl [111514-49-9]
Radiatoside C
See β -D-Glucopyranoside, 6-[[[(1-(β -D-glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-7-methylenecyclopenta[c]pyran-4-yl)-carbonyloxy]-1a,1b,2,5a,6,6a-hexahydro-1a-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-c]pyran-2-yl [111514-50-2]
Radiatoside D
See β -D-Glucopyranoside, (1aS,1bS,2S,5aR,6S,6aS)-6-[[[(1S,4aS,7S,7aR)-1-(β -D-glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-7-methylcyclopenta[c]pyran-4-yl)-carbonyloxy]-1a,1b,2,5a,6,6a-hexahydro-1a-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-c]pyran-2-yl [136598-82-8]
Radiatoside E
See β -D-Glucopyranoside, (1aS,1bS,2S,5aR,6S,6aS)-6-[[[(1S,4aS,7R,7aR)-1-(β -D-glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-7-methylcyclopenta[c]pyran-4-yl)-carbonyloxy]-octahydro-1a-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-c]pyran-2-yl [146345-78-0]
Radiatoside F
See β -D-Glucopyranoside, (1S,4aR,5S,6R,7S,7aS)-5-[[[(1S,4aS,7R,7aR)-1-(β -D-glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-7-methylcyclopenta[c]pyran-4-yl)-carbonyloxy]-1,4a,5,6,7,7a-hexahydro-6,7-dihydroxy-7-(hydroxymethyl)cyclopenta[c]pyran-1-yl [146345-79-1]
Radiatox
See *Polyamide fibers*
Radical anions
Valid heading during volumes 126-130 (1997-June 1999) only
See *Radical ions*, anions
Radical cations
Valid heading during volumes 126-130 (1997-June 1999) only
See *Radical ions*, cations
Radical crosslinking
Valid heading during volumes 126-130 (1997-June 1999) only
See *Crosslinking*, radical
Radical cyclization
Valid heading during volumes 126-130 (1997-June 1999) only
See *Cyclization*, radical
Radical ion pairs
Valid heading during volumes 129-130 (July 1998-June 1999) only
See *Radical ions*, pairs
Radical ions
See also narrower: *Ketys*
Radical polymerization
Valid heading during volumes 126-130 (1997-June 1999) only
See *Polymerization*, radical
Radical polymerization catalysts
Valid heading during volumes 126-130 (1997-June 1999) only
See *Polymerization catalysts*, radical
Radical polymerization kinetics
Valid heading during volumes 126-130 (1997-June 1999) only
See *Polymerization kinetics*, radical
Radicals
See also narrower:
Biradicals
Nitroxides
Radical ions
See also related:
Radiation chemistry
Radical scavengers
Radical scavengers
See also related: *Radicals*
Radicchio
See *Chicory (Cichorium intybus)*
Radicicol
See 6H-Oxireno[e][2]benzoxacyclotetradecin-6,12-(7H)-dione, 8-chloro-1a,14,15,15a-tetrahydro-9,11-dihydroxy-14-methyl-, (1aS,2Z,4E,14R,15aS)- [12772-57-5]
Radicinin
See 4H,5H-Pyrano[4,3-b]pyran-4,5-dione, 2,3-dihydro-3-hydroxy-2-methyl-7-[(1E)-1-propenyl]-, (2S,3S)- [10088-95-6]
Radicinol
See 2H,5H-Pyrano[4,3-b]pyran-5-one, 3,4-dihydro-3,4-dihydroxy-2-methyl-7-(1E)-1-propenyl-, (2S,3R,4S)- [65647-66-7]
Radiclonic acid
See Pentanedioic acid, 2-[6-(hydroxymethyl)-2,4,8,10-tetramethyl-2-dodecenylidene]-4-methyl- [49620-14-6]
Radiculin
See *Acophyte* [62996-03-6]
Radilon 6
See *Poly[imino(1-oxo-1,6-hexanediyl)]* [25038-54-4]
Radilon 27
See *Poly[imino(1-oxo-1,6-hexanediyl)]* [25038-54-4]
Radilon ARV 300
See *Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]* [32131-17-2]
Radioactinium
See *Thorium*, isotope of mass 227 [15623-47-9]
Radioactivation analysis
See *Activation analysis*
Radioactive aerosols
See also related: *Radioactive fallout*
Radioactive air pollution
Valid heading during volumes 129-130 (July 1998-June 1999) only
See *Air pollution*, radioactive

Radioactive cluster decay
Radioactive decay
See also narrower:
Beta decay
Radioactive cluster decay
Radioactive decay series
See also related:
Geological age (absolute)
Nuclear energy level
Radioactivity
Radiochemical analysis
Transmutation (nuclear)
Radioactive decay series
See also narrower:
Thorium decay series
Uranium decay series
Radioactive decontamination
See also related:
Decorporation
Radioactive substances
Radioactive wastes
Radioactivity
Radioactive elements
See *Radionuclides*
Radioactive fallout
See also related:
Fission products
Health physics
Nuclear explosion
Radioactive aerosols
Radioactive pollution
Radioactivity
Radioactive ion beams
See also related: *Radionuclides*
Radioactive isotopes
See *Radionuclides*
Radioactive pollution
See also related:
Air pollution
Health physics
Radioactive fallout
Radioactive substances
Radioactive wastes
Soil pollution
Water pollution
Radioactive series
See *Radioactive decay series*
Radioactive substances
See also narrower:
Radioactive aerosols
Radioactive fallout
Radioactive wastes
Radionuclides
Radium ores
See also related:
Actinides
Decorporation
Hazardous materials
Isotope indicators
Radiation
Radiation sickness
Radioactive decontamination
Radioactive pollution
Radioactivity
Radiochemical analysis
Radiotherapy
Radioactive waste disposal
See also related:
Radioactive waste repositories
Radioactive wastes
Radioactive waste ion exchangers
See also related:
Radioactive waste management
Radioactive wastes
Radioactive waste management
See also narrower: *Radioactive waste disposal*
See also related:
Nuclear fuel reprocessing
Radioactive waste ion exchangers
Radioactive waste repositories
Radioactive wastes
Radioactive waste repositories
See also related:
Radioactive waste disposal
Radioactive waste management
Radioactive wastes
Radioactive wastes
See also narrower:
High-level radioactive wastes
Intermediate-level radioactive wastes
Low-level radioactive wastes
Radioactive wastewater
Solid radioactive wastes
Spent fuel radioactive wastes
Transuranic radioactive wastes
Vitrified radioactive wastes
See also related:
Fission products
Nuclear fuel reprocessing
Nuclear reactors
Radioactive decontamination
Radioactive pollution
Radioactive waste disposal
Radioactive waste ion exchangers
Radioactive waste management
Radioactive waste repositories
Radioactivity
Waste incineration
Radioactive wastewater
See also related: *Groundwater pollution*
Radioactivity
See also narrower: *Natural radioactivity*
See also related:
Dosimeters
Fission products
Gamma ray
Radiation
Radiation detectors
Radioactive decay
Radioactive decontamination
Radioactive fallout
Radioactive substances